

REV	DESCRIPTION	DATE	INITIAL	APPROVED
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This exploded view diagram illustrates the assembly of a mechanical device. The components are identified by the following callouts:

- 1**: Main vertical shaft or tube.
- 3**: Flange or collar on the shaft.
- 5**: Large cylindrical housing or bellows.
- 7**: Internal support structure or bracket.
- 9**: Small cylindrical component, possibly a pin or bush.
- 11**: Large circular end cap or lid.
- 13**: Small cylindrical component, possibly a pin or bush.
- 15**: Small cylindrical component, possibly a pin or bush.
- 19**: Small cylindrical component, possibly a pin or bush.
- 21**: Small cylindrical component, possibly a pin or bush.
- 23**: Small cylindrical component, possibly a pin or bush.
- 25**: Small cylindrical component, possibly a pin or bush.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	HANDLE	1018	Ø1 X 5-1/4	2
			-3	1	BAR	1018	Ø1/2 X 4-7/8	3
			-5	1	FOOT	BRASS	Ø2 X 1	4
			-7	1	DISC	1018	Ø3-1/2 X 1-3/16	5
			-9	2	JAW	1018	Ø4-1/8 X 4.00	6
			-11	1	RING	1018	Ø4-1/4 X .250 WALL X 1-1/4	7
		B/O	-13	2	MACHINE SCREW		MCMaster-CARR #90272A144	1
		B/O	-15	2	FLAT WASHER		MCMaster-CARR #91090A100	1
		B/O	-19	1	FOOT PAD		J.W. WINCO # 10NTNS	2
		B/O	-17	1	SPRING PLUNGER		MCMaster-CARR #3408A109	1
		B/O	-21	3	SOCKET HEAD CAP SCREW		MCMaster-CARR #91290A139	1
		B/O	-23	3	LOCK WASHER		MCMaster-CARR #91190A520	1
		B/O	-25	2	KNOB		MCMaster-CARR #6116SK71	1

 RED BARN MACHINE

TITLE PWS BEARING REMOVAL TOOL

DWG NO.	REV
T	0000000000

UNLESS OTHERWISE SPECIFIED	DRAWN BY: CLOUGH
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DIMENSIONS ARE IN INCHES
TOLERANCES ON:

DECIMALS	HEAT TREAT
YYY + 005	

	FRACTIONS $\pm 1/32$	FINISH
XX	.01	ANGLES $\pm 5^\circ$

SPEC	UNLESS OTHERWISE SPECIFIED
	.X ± .1

STRENGTH, NEWTONS	USED ON MODEL
1. BREAK ALL SHARP EDGES 0.15 - 45.00 0.15 D	

019 X 45 PR 015 N
E. DIMENSIONAL LIMITS APPLY AFTER PLATING

SCALE	1:2	DATE	11/22/2011	SHEET 1 OF 7
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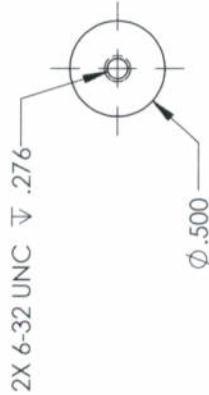
APPROVED

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REVISION		DATE		INITIAL		APPROVED	
REV	DESCRIPTION						



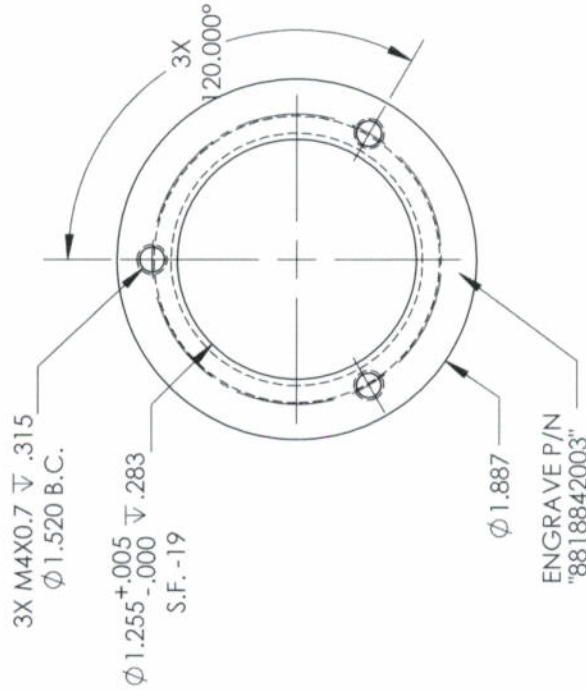
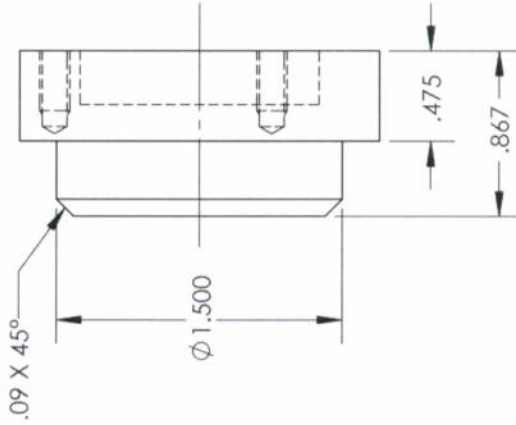
(-3)

BAR

 RED BARN MACHINE		TITLE		PWS BEARING REMOVAL TOOL	
DWG NO.		T-8818842000-3		REV	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: CLOUGH		APPROVED <i>D Weel</i>	
TOLERANCES ON:		HEAT TREAT		FINISH	
.XXX \pm .005		FRACTIONS \pm 1/32		BLACK OXIDE	
.XX \pm .01		ANGLES \pm 5°		SPEC	
.X \pm .1		UNLESS OTHERWISE SPECIFIED		USED ON MODEL	
1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R		DATE		11/22/2011	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SCALE		1:1	
				SHEET 3 OF 7	

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(-5)

FOOT

RED BARN MACHINE

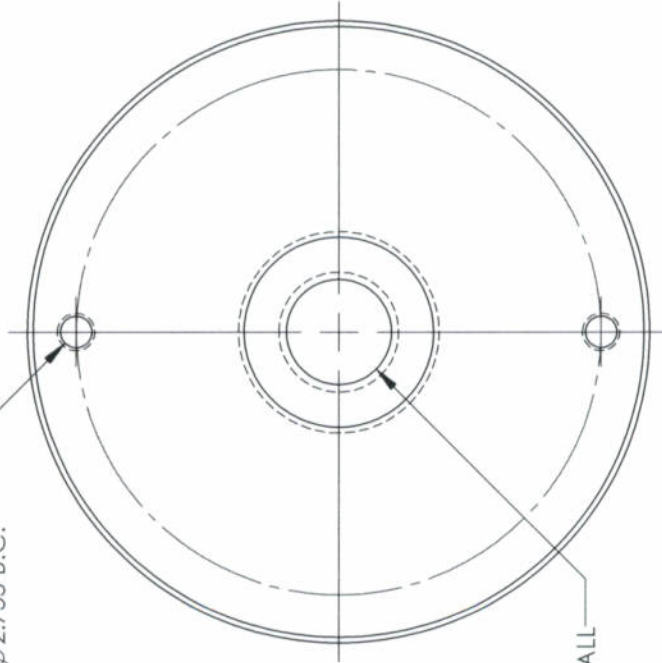
TITLE PWS BEARING REMOVAL TOOL

DWG NO. T-8818842000-5 REV

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: CLOUGH
TOLERANCES ON:		APPROVED: <i>D Weil</i>
DECIMALS		HEAT TREAT
XXX ± .005	FRACTIONS ± 1/32	FINISH
XX ± .01	ANGLES ± 5°	SPEC
X ± .1		
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 X 45° PR .015 R		USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
SCALE 1:1	DATE 11/22/2011	SHEET 4 OF 7

REV	DESCRIPTION	DATE	TOTAL	APPROVED
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M16X2.0 THRU ALL-

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DISC

RED BARN MACHINE

LE PWS BEARING REMOVAL TOOL

DWG NO.	T-8818842000-7	REV
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .xxx \pm .005 .xx \pm .01 .x \pm .1	DRAWN BY:	CLOUGH
	APPROVED	<i>D Noel</i>
	HEAT TREAT	
	FINISH	
	SPEC	BLACK OXIDE

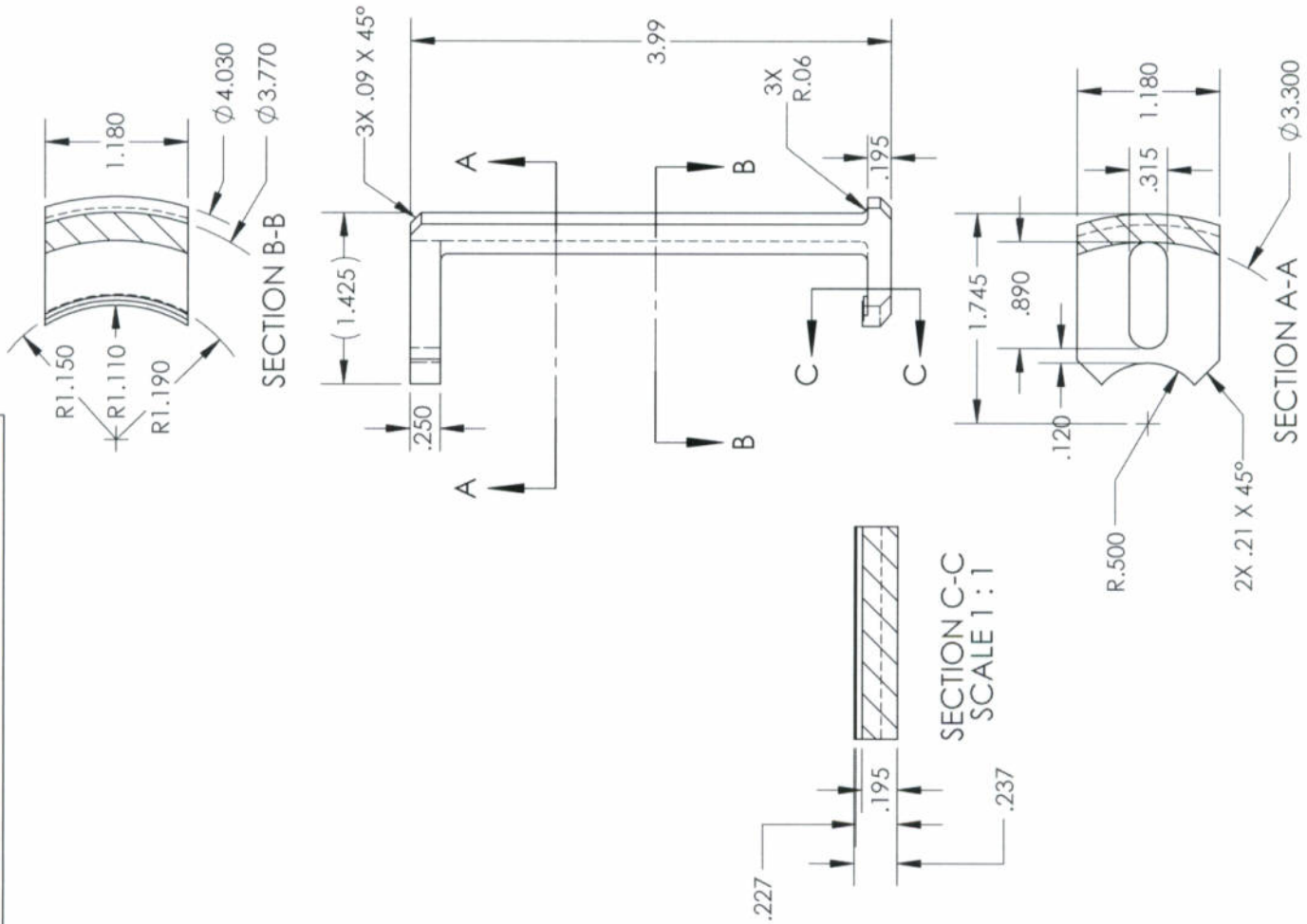
SPEC	USED ON MODEL
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x 45° DR 015 R	

SCALE	1:1	DATE	11/22/2011	SHEET 5 OF 7
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REV	DESCRIPTION	DATE	REVISION
			APPROVED

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(-9)
JAW

RED BARN MACHINE

TITLE
PWS BEARING REMOVAL TOOL

DWG NO.	T-8818842000-9	REV	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: CLOUGH	APPROVED	<i>D. Weil</i>
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	HEAT TREAT FRACTIONS ± 1/32 ANGLES ± 5°	SPEC	BLACK OXIDE
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 X 45° PR .015 R	USED ON MODEL		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE 1:1.5	DATE 11/22/2011		SHEET 6 OF 7

